10/569812 MMP

Connecting via Winsock to STN

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LOGINID:SSPTAMLL1621

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	DEC 18	CA/CAplus pre-1967 chemical substance index entries enhanced with preparation role
NEWS 4	DEC 18	CA/CAplus patent kind codes updated
NEWS 5	DEC 18	MARPAT to CA/CAplus accession number crossover limit increased to 50,000
NEWS 6	DEC 18	MEDLINE updated in preparation for 2007 reload
NEWS 7	DEC 27	CA/CAplus enhanced with more pre-1907 records
NEWS 8	JAN 08	CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS 9	JAN 16	CA/CAplus Company Name Thesaurus enhanced and reloaded
NEWS 10	JAN 16	IPC version 2007.01 thesaurus available on STN
NEWS 11	JAN 16	WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 12	JAN 22	CA/CAplus updated with revised CAS roles
NEWS 13	JAN 22	CA/CAplus enhanced with patent applications from India
NEWS 14	JAN 29	PHAR reloaded with new search and display fields
NEWS 15	JAN 29	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS 16	FEB 15	PATDPASPC enhanced with Drug Approval numbers
NEWS 17	FEB 15	RUSSIAPAT enhanced with pre-1994 records
NEWS 18	FEB 23	KOREAPAT enhanced with IPC 8 features and functionality
NEWS 19	FEB 26	MEDLINE reloaded with enhancements
NEWS 20	FEB 26	EMBASE enhanced with Clinical Trial Number field
NEWS 21	FEB 26	TOXCENTER enhanced with reloaded MEDLINE
NEWS 22	FEB 26	IFICDB/IFIPAT/IFIUDB reloaded with enhancements
NEWS 23	FEB 26	CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases
NEWS 24	MAR 15	WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS 25	MAR 16	CASREACT coverage extended
NEWS 26	MAR 20	MARPAT now updated daily
NEWS 27	MAR 22	LWPI reloaded

NEWS EXPRESS	NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8
NEWS X25	X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

Page 1 searched 9/5/07 updated str search

* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 18:07:18 ON 25 MAR 2007

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 18:07:32 ON 25 MAR 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 23 MAR 2007 HIGHEST RN 928114-47-0
DICTIONARY FILE UPDATES: 23 MAR 2007 HIGHEST RN 928114-47-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

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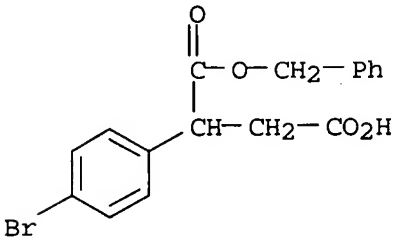
=> d scan

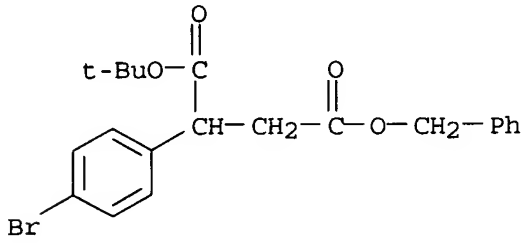
L1 9 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Butanedioic acid, (4-bromophenyl)-, 1-(phenylmethyl) ester (9CI)
MF C17 H15 Br O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

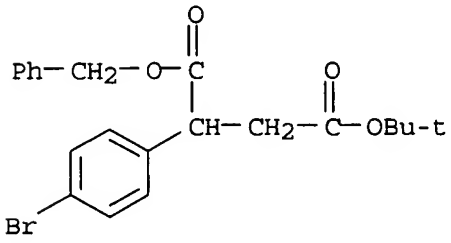
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):9

L1 9 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Butanedioic acid, (4-bromophenyl)-, 1-(1,1-dimethylethyl) 4-(phenylmethyl) ester (9CI)
MF C21 H23 Br O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L1 9 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Butanedioic acid, (4-bromophenyl)-, 4-(1,1-dimethylethyl) 1-(phenylmethyl) ester (9CI)
MF C21 H23 Br O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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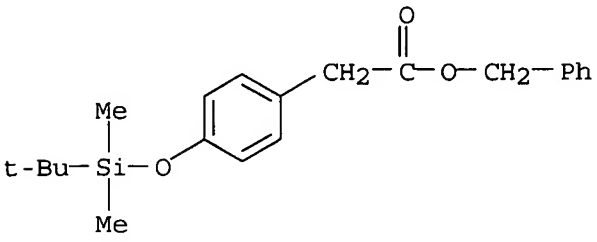
MF C21 H28 O3 Si



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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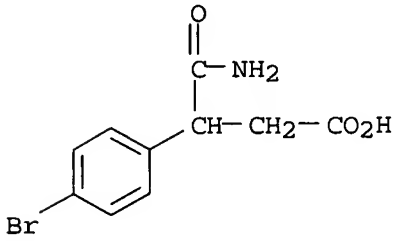
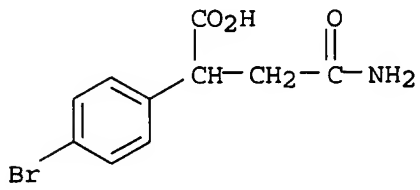
MF C10 H10 Br N O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L1 9 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Benzeneacetic acid, α-(2-amino-2-oxoethyl)-4-bromo- (9CI)
MF C10 H10 Br N O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L1 9 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
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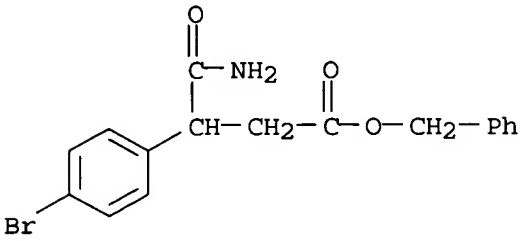
MF C17 H16 Br N O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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IN Benzeneacetic acid, α-(2-amino-2-oxoethyl)-4-bromo-, phenylmethyl ester (9CI)
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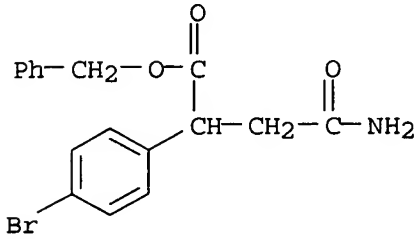

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IN Butanedioic acid, (4-bromophenyl)-, 4-(phenylmethyl) ester (9CI)
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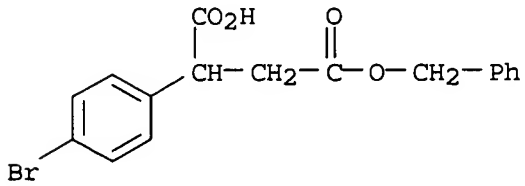

10/569812 MMP

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> d his

(FILE 'HOME' ENTERED AT 18:07:18 ON 25 MAR 2007)

FILE 'REGISTRY' ENTERED AT 18:07:32 ON 25 MAR 2007
L1 9 S 335200-36-7/RN OR 845785-97-9/RN OR 845785-98-0/RN OR 8457

=> fil hcap
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 0.45 0.66

FILE 'HCAPLUS' ENTERED AT 18:08:19 ON 25 MAR 2007
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FILE COVERS 1907 - 25 Mar 2007 VOL 146 ISS 14
FILE LAST UPDATED: 23 Mar 2007 (20070323/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l1
L2 2 L1

=> d l2 1-2 ibib abs

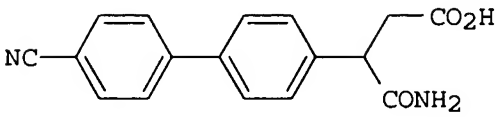
L2 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:158625 HCAPLUS
DOCUMENT NUMBER: 142:261292
TITLE: Preparation of (hetero)aryl-substituted succinate derivatives as matrix metalloproteinase inhibitors
INVENTOR(S): Holmes, Ian; Watson, Stephen Paul
PATENT ASSIGNEE(S): Glaxo Group Limited, UK
SOURCE: PCT Int. Appl., 36 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005016868	A2	20050224	WO 2004-EP9087	20040812
WO 2005016868	A3	20050519		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1654218	A2	20060510	EP 2004-764084	20040812
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR				
JP 2007502259	T	20070208	JP 2006-522996	20040812
US 2006235074	A1	20061019	US 2006-569812	20060210
PRIORITY APPLN. INFO.:			GB 2003-19069 A	20030814
			WO 2004-EP9087 W	20040812

OTHER SOURCE(S): CASREACT 142:261292; MARPAT 142:261292

GI



II

AB Title compds. represented by the formula I, R1ZQCH(R2)CH2X, [wherein R1 = (un)substituted alkyl(cycloalkyl), alkylheterocycloalkyl, alkylaryl, etc.; Z = a bond, CH2, O, S, etc.; Q = (un)substituted (hetero)aryl; X = COR3; R2 = CONH2, CO2H, sulfonylamino, etc.; R3 = OH, oxyalkyl or (un)substituted amino; with a proviso; and physiol. functional derivs. thereof] were prepared as matrix metalloproteinase (MMP) inhibitors. Coupling reaction of 4-amino-3-(4-bromophenyl)-4-oxobutanoic acid with p-nitrilephenylboronic acid gave II in 100% yield. I showed inhibition of MMP-12 with IC50 values of below 100 μM. Thus, I and their pharmaceutical compns. are useful as matrix metalloproteinase inhibitors for the treatment of inflammation or autoimmune disease (no data).

L2 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER:	2001:8060 HCAPLUS
DOCUMENT NUMBER:	134:307022
TITLE:	Antibody-catalyzed hydrolysis of oligomeric esters: a model for the degradation of polymeric materials
AUTHOR(S):	Brummer, Oliver; Hoffman, Timothy Z.; Chen, Da-Wei; Janda, Kim D.
CORPORATE SOURCE:	Department of Chemistry, The Scripps Research Institute and The Skaggs Institute for Chemical Biology, La Jolla, CA, 92037, USA
SOURCE:	Chemical Communications (Cambridge) (2001), (1), 19-20 CODEN: CHCOFS; ISSN: 1359-7345

PUBLISHER: Royal Society of Chemistry
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 134:307022
AB A catalytic antibody has been discovered that degrades oligomeric ester substrates. All the observations and data confirmed that the antibody performed oligomer degrdns. by 'multimer' processing using nonregioselective, kinetically biased endo-cleavage, rather than a stepwise deoligomerization through cleavage of monomers from a terminus. These findings are of fundamental importance as now catalytic antibodies share another trait thought only to be associated with enzymes, the biodegrdn. of oligo and polymeric materials.
REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s 845786-06-3/rn or 845786-07-4/rn or 845786-08-5/rn or 845786-09-6/rn or 845786-10-9/rn or 845786-11-0/rn or 845786-12-1/rn or 845786-13-2/rn or 845786-14-3/rn
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10/569812 MMP

=> file reg
COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION
FULL ESTIMATED COST | 10.86 | 11.52

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION
CA SUBSCRIBER PRICE | -1.56 | -1.56

FILE 'REGISTRY' ENTERED AT 18:09:41 ON 25 MAR 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 23 MAR 2007 HIGHEST RN 928114-47-0
DICTIONARY FILE UPDATES: 23 MAR 2007 HIGHEST RN 928114-47-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

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845786-14-3/rn
845786-06-3 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

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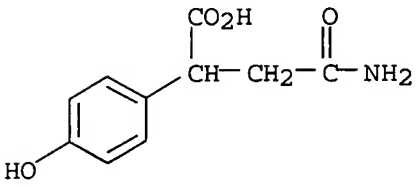
=> d scan

Page 9 searched 9/5/07 updated str search

L4 9 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Benzeneacetic acid, α-(2-amino-2-oxoethyl)-4-hydroxy- (9CI)
MF C10 H11 N O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):9

L4 9 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
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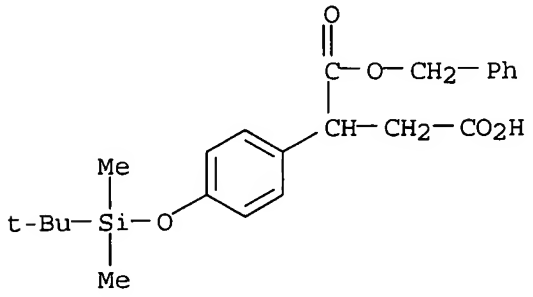
MF C23 H30 O5 Si



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 9 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
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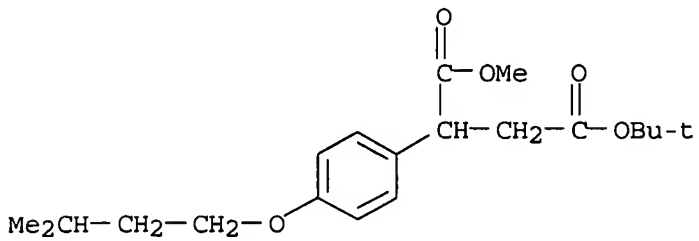
MF C20 H30 O5



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 9 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
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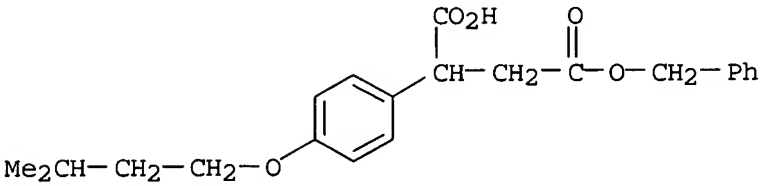

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 9 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
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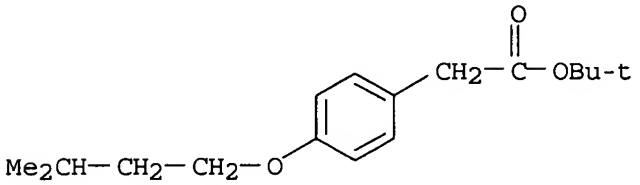
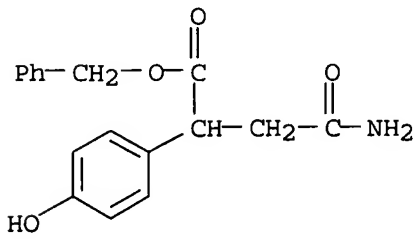
MF C17 H26 O3



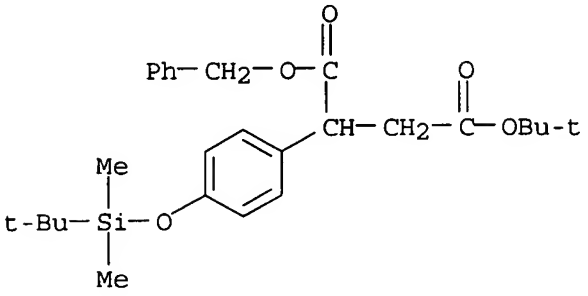
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 9 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Benzeneacetic acid, α-(2-amino-2-oxoethyl)-4-hydroxy-, phenylmethyl ester (9CI)
MF C17 H17 N O4



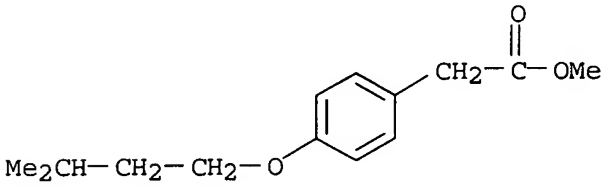
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 9 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Butanedioic acid, [4-[[(1,1-dimethylethyl)dimethylsilyl]oxy]phenyl]-, 4-(1,1-dimethylethyl) 1-(phenylmethyl) ester (9CI)
MF C27 H38 O5 Si



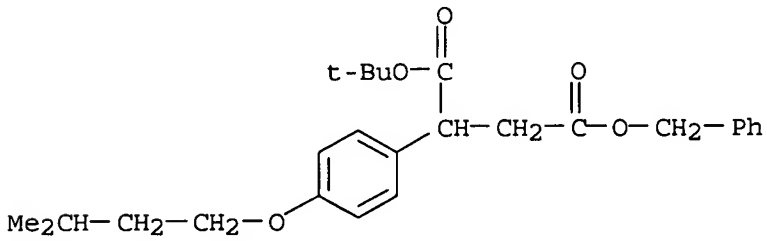
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 9 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Benzeneacetic acid, 4-(3-methylbutoxy)-, methyl ester (9CI)
MF C14 H20 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 9 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Butanedioic acid, [4-(3-methylbutoxy)phenyl]-, 1-(1,1-dimethylethyl) 4-(phenylmethyl) ester (9CI)
MF C26 H34 O5



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> fil hcap

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FULL ESTIMATED COST	0.45	11.97

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.56

FILE 'HCAPLUS' ENTERED AT 18:10:04 ON 25 MAR 2007
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FILE COVERS 1907 - 25 Mar 2007 VOL 146 ISS 14
FILE LAST UPDATED: 23 Mar 2007 (20070323/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 18:07:18 ON 25 MAR 2007)

FILE 'REGISTRY' ENTERED AT 18:07:32 ON 25 MAR 2007
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FILE 'HCAPLUS' ENTERED AT 18:08:19 ON 25 MAR 2007
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L3 1 S 845786-06-3/RN OR 845786-07-4/RN OR 845786-08-5/RN OR 8457

FILE 'REGISTRY' ENTERED AT 18:09:41 ON 25 MAR 2007
L4 9 S 845786-06-3/RN OR 845786-07-4/RN OR 845786-08-5/RN OR 8457

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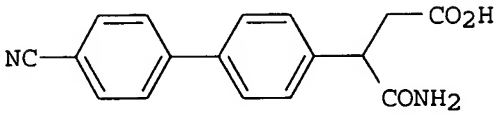
L5 1 L4

=> d ibib abs

L5 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:158625 HCAPLUS
DOCUMENT NUMBER: 142:261292
TITLE: Preparation of (hetero)aryl-substituted succinate derivatives as matrix metalloproteinase inhibitors
INVENTOR(S): Holmes, Ian; Watson, Stephen Paul
PATENT ASSIGNEE(S): Glaxo Group Limited, UK
SOURCE: PCT Int. Appl., 36 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005016868	A2	20050224	WO 2004-EP9087	20040812
WO 2005016868	A3	20050519		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1654218	A2	20060510	EP 2004-764084	20040812
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR				
JP 2007502259	T	20070208	JP 2006-522996	20040812
US 2006235074	A1	20061019	US 2006-569812	20060210
PRIORITY APPLN. INFO.:			GB 2003-19069 A	20030814
			WO 2004-EP9087 W	20040812

OTHER SOURCE(S): CASREACT 142:261292; MARPAT 142:261292
GI



II

AB Title compds. represented by the formula I, R1ZQCH(R2)CH2X, [wherein R1 = (un)substituted alkyl(cycloalkyl), alkylheterocycloalkyl, alkylaryl, etc.; Z = a bond, CH2, O, S, etc.; Q = (un)substituted (hetero)aryl; X = COR3; R2 = CONH2, CO2H, sulfonylamino, etc.; R3 = OH, oxyalkyl or (un)substituted amino; with a proviso; and physiol. functional derivs. thereof] were prepared as matrix metalloproteinase (MMP) inhibitors. Coupling reaction of 4-amino-3-(4-bromophenyl)-4-oxobutanoic acid with

p-nitrilephenylboronic acid gave II in 100% yield. I showed inhibition of MMP-12 with IC50 values of below 100 μM. Thus, I and their pharmaceutical compns. are useful as matrix metalloproteinase inhibitors for the treatment of inflammation or autoimmune disease (no data).

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=> fil stng
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                      10.63      22.60

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
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CA SUBSCRIBER PRICE                                      -0.78      -2.34

FILE 'STNGUIDE' ENTERED AT 18:11:39 ON 25 MAR 2007
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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Mar 23, 2007 (20070323/UP).

=> log y
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
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FULL ESTIMATED COST                                       0.18      22.78

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STN INTERNATIONAL LOGOFF AT 18:13:19 ON 25 MAR 2007
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